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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/648,466	
	Filing Date	August 25, 2003	
	First Named Inventor	Jason Janesky	
	Group Art Unit	2818	
	Examiner Name	Thinh T. Nguyen	
Total Number of Pages in This Submission	13	Attorney Docket Number	CML00378CR (038.0108)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO/SB/08A and non-US cited art Return Postcard

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Firm or Individual name	Timothy J. Lorenz (Reg. No. 41,954)
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Date	January 27, 2005

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UTILITY PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: JASON A. JANESKY Group Art Unit: 2818
Serial No.: 10/648,466 Examiner: Thinh T. Nguyen
Filed: August 25, 2003 Confirmation No.: 5085
For: MAGNETORESISTIVE RANDOM ACCESS MEMORY WITH REDUCED
SWITCHING FIELD VARIATION

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P O Box 1450
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Commissioner:

In accordance with 37 C.F.R. 1.56 and in a manner prescribed by 37 C.F.R. 1.97 and 1.98, this Information Disclosure Statement (IDS) is being submitted herewith for consideration by the United States Patent and Trademark Office.

I. **CONTENT**

This IDS includes:

- ☒ A list of all patents, publications, applications, or other information submitted for consideration by the Office on PTO/SB/08A Form, which is included herewith;

- ☒ A legible copy of: (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) each cited pending U.S. application, the application specification including claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and (iv) all other information or that portion which caused it to be listed, unless subsequently provided in this IDS.

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- ☒ Except as may be subsequently indicated in this section II, a concise explanation is not required as all of the patents, publications, applications or other information are in the English language.
- ☐ A concise explanation of the relevance, as it is presently understood by the individual designated in 1.56(a) most knowledgeable about the content of the information, of all patents, publications, applications or other information listed that is not in the English language.
- ☒ A copy of the translation of a non-English Language document, or portion thereof is enclosed with this IDS (e.g., a translation of an abstract).
- ☐ Any patent, publication, pending application or other information that is listed on PTO/SB/08A Form, which are not enclosed herewith were previously cited by or submitted to the Office in one of the following applications that has been relied on for an earlier effective filing date under 35 U.S.C 120 and the IDS submitted in the earlier application complies with paragraphs (a) through (c) of 1.98:

U.S. Application Serial No.	U.S. Filing Date

III. THIS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(b): (check one box)

- ☐ Within three months of the filing date of a national application other than a continued prosecution application under 1.53(d).
- ☐ Within three months of the date of entry of the national stage as set forth in 1.491 in an international application.
- ☐ Before the mailing date of a first Office Action on the merits. In the event that a first Office Action on the merits has been mailed, please consider this IDS under 37 C.F.R. 1.97(c) and see the statement under 1.97(e) or charge deposit account 50-2091 the fee specified by 37 C.F.R. 1.17(p) if such statement is not selected in Section VI.

- ☐ Before the mailing of a first Office Action after the filing of a request for continued examination under 1.114.

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(c):

- ☒ After the period specified in 37 C.F.R. 1.97(b) and before the mailing date of any of a final action under 1.113, a notice of allowance under 1.311 or an action that otherwise closes prosecution in the application, and accompanied by:
- ☐ a statement specified in 1.97(e) as subsequently provided in this IDS;
or
- ☒ the fee set forth in 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(d):

- ☐ After the period specified in 37 C.F.R. 1.97(c) and on or before the payment of the issue fee, and it is accompanied by a statement specified in 1.97(e) as subsequently provided in this IDS and the fee set forth in 1.17(p).

VI. Statement under 37 C.F.R. 1.97(e) (check only one box)
The undersigned hereby states that:

- ☐ Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- ☐ No item of information contained in the IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this IDS.

VII. Statement under 37 C.F.R. §1.704(d)

- ☐ The undersigned hereby states that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

VIII. PAYMENT OF FEES (check one box)

- ☐ A check in the amount of \$ _____ is enclosed for fees due with respect to this IDS.
- ☒ Please charge Deposit Account No. 50-2091 in the amount of \$180.00 for the fees due with respect to this IDS.

IX. CONCLUSION


It is respectfully submitted that the claims presently on file patently distinguish the present invention from each of these references cited in this IDS. The references cited in this IDS are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art. Furthermore the filing of this IDS should not be construed to be an admission that the information cited in this IDS is, or is considered to be, material to patentability as defined in 1.56(b). In addition, the filing of this IDS should not be construed as a representation that a search has been made.

If the Examiner has any questions concerning these IDS, the Examiner is requested to contact the undersigned at the telephone number associated with Customer No. 29,906. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. 50-2091.

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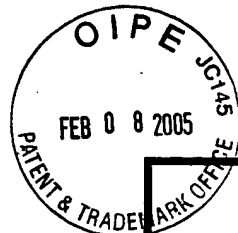
Respectfully submitted,

Date: 01/27/05

By: 
Timothy J. Lorenz
Reg. No. 41,954

Ingrassia Fisher & Lorenz
Customer Number 29906

Enclosures: ☒ PTO/SB/08A
☒ References
☐ Foreign Search Report
☐ Fee
☐ Other: _____



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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Complete if Known

Application Number	10/648,466
Filing Date	August 25, 2003
First Named Inventor	Jason Janesky
Art Unit	2818
Examiner Name	Thinh T. Nguyen
Attorney Docket Number	CML00378CR (038.0108)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1.	US-3,163,853	12-29-1964	Belson	
	2.	US-3,448,438	06-03-1969	Hansen et al.	
	3.	US-3,573,760	12-16-1968	Chang et al.	
	4.	US-3,638,199	01-25-1972	Kolankowsky et al.	
	5.	US-3,707,706	12-26-1972	Kefalas	
	6.	US-3,913,080	11-29-1974	Leo et al.	
	7.	US-4,103,315	08-25-1978	Hempstead et al.	
	8.	US-4,351,712	09-28-1982	Cuomo et al.	
	9.	US-4,356,523	10-26-1982	Yeh	
	10.	US-4,455,626	06-19-1984	Lutes	
	11.	US-4,556,925	12-03-1985	Suenaga et al.	
	12.	US-4,663,685	05-05-1987	Tsang	
	13.	US-4,719,568	01-12-1988	Carrubba et al.	
	14.	US-4,731,757	03-15-1988	Daughton et al.	
	15.	US-4,751,677	06-14-1988	Daughton et al.	
	16.	US-4,754,431	06-28-1988	Jenson	
	17.	US-4,780,848	10-25-1988	Daughton et al.	
	18.	US-4,825,325	04-25-1989	Howard	
	19.	US-4,884,235	11-28-1989	Thiele	
	20.	US-5,039,655	08-13-1991	Pisharody	
	21.	US-5,075,247	12-24-1991	Matthews	
	22.	US-5,159,513	10-27-1992	Diery et al.	
	23.	US-5,173,873	12-22-1992	Wu et al.	
	24.	US-5,258,884	11-02-1993	Howard et al.	
	25.	US-5,268,806	12-07-1993	Goubau et al.	
	26.	US-5,284,701	02-08-1994	Hamon	
	27.	US-5,285,339	02-08-1994	Chen et al.	
	28.	US-5,301,079	04-05-1994	Cain et al.	
	29.	US-5,329,486	07-12-1994	Lage	
	30.	US-5,343,422	08-30-1994	Kung et al.	
	31.	US-5,346,302	09-13-1994	Ryu	
	32.	US-5,347,485	09-13-1994	Taguchi et al.	
	33.	US-5,348,894	09-20-1994	Gnade et al.	
	34.	US-5,349,302	09-20-1994	Cooper	
	35.	US-5,361,226	11-01-1994	Taguchi et al.	
	36.	US-5,375,082	12-20-1994	Katti et al.	
	37.	US-5,396,455	03-07-1995	Brady et al.	
	38.	US-5,398,200	03-14-1995	Mazure et al.	
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	40.	US-5,420,819	05-30-1995	Pohm	
	41.	US-5,432,734	07-11-1995	Kawano et al.	
	42.	US-5,442,508	08-15-1995	Smith	
	43.	US-5,448,515	09-05-1995	Fukami et al.	
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	45.	US-5,468,985	11-21-1995	Harima	
	46.	US-5,475,825	12-12-1995	Yonezawa et al.	
	47.	US-5,477,842	12-26-1995	Maruyama et al.	
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	50.	US-5,528,440	06-18-1996	Fontana et al.	
	51.	US-5,534,355	07-09-1996	Okuno et al.	

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/648,466
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				First Named Inventor	Jason Janesky
				Art Unit	2818
				Examiner Name	Thinh T. Nguyen
				Attorney Docket Number	CML00378CR (038.0108)
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	52.	US-5,534,793	07-09-1996	Nasserbakht	
	53.	US-5,541,868	07-30-1996	Prinz	
	54.	US-5,567,523	10-22-1996	Rosenblum et al.	
	55.	US-5,569,617	10-29-1996	Yeh et al.	
	56.	US-5,585,986	12-17-1996	Parkin	
	57.	US-5,587,943	12-24-1996	Torok et al.	
	58.	US-5,617,071	04-07-1997	Daughton	
	59.	US-5,636,093	06-03-1997	Gijs et al.	
	60.	US-5,640,343	06-17-1997	Gallagher et al.	
	61.	US-5,650,958	07-22-1997	Gallagher et al.	
	62.	US-5,659,499	08-19-1997	Chen et al.	
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	64.	US-5,673,162	09-30-1997	Saito	
	65.	US-5,699,293	12-16-1997	Tehrani et al.	
	66.	US-5,702,831	12-30-1997	Chen et al.	
	67.	US-5,712,612	01-27-1998	Lee et al.	
	68.	US-5,715,121	02-03-1998	Sakakima et al.	
	69.	US-5,729,410	03-17-1998	Fontana, Jr. et al.	
	70.	US-5,732,016	03-24-1998	Chen et al.	
	71.	US-5,734,605	03-31-1998	Zhu et al.	
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	73.	US-5,748,519	05-05-1998	Tehrani et al.	
	74.	US-5,757,056	05-26-1998	Chui	
	75.	US-5,761,110	06-02-1998	Irinki et al.	
	76.	US-5,764,567	06-09-1998	Parkin	
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	83.	US-5,804,250	09-08-1998	Yang	
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	85.	US-5,825,685	10-20-1998	Yamane et al.	
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	92.	US-5,856,008	01-05-1999	Cheong et al.	
	93.	US-5,861,328	01-19-1999	Tehrani et al.	
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	96.	US-5,898,612	04-27-1999	Chen et al.	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/648,466
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		Number - Kind Code ² (if known)			
	102	US-5,926,414	07-20-1999	McDowell et al.	
	103	US-5,930,164	07-27-1999	Zhu	
	104	US-5,932,343	08-03-1999	Hayashi et al.	
	105	US-5,940,319	08-17-1999	Durlam, et al.	
	106	US-5,943,284	08-24-1999	Mizuno et al.	
	107	US-5,943,574	08-24-1999	Tehrani et al.	
	108	US-5,946,227	08-31-1999	Naji	
	109	US-5,946,228	08-31-1999	Abraham et al.	
	110	US-5,948,553	09-07-1999	Kamijo	
	111	US-5,949,622	09-07-1999	Kamiguchi et al.	
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	116	US-5,959,880	09-28-1999	Shi et al.	
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	131	US-6,023,395	02-08-2000	Dill et al.	
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	135	US-6,054,226	04-25-2000	Takeda et al.	
	136	US-6,055,178	04-25-2000	Naji	
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	145	US-6,120,842	09-19-2000	Lu et al.	
	146	US-6,127,045	10-03-2000	Gill	
	147	US-6,134,060	10-17-2000	Ryat	
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	149	US-6,145,055	11-07-2000	Fujimoto	
	150	US-6,163,477	12-19-2000	Tran	
	151	US-6,165,803	12-26-2000	Chen et al.	
	152	US-6,169,687	01-02-2001	Johnson	

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/648,466
Sheet 4 of 8			Filing Date	August 25, 2003
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	153	US-6,169,687	01-02-2001	Johnson	
	154	US-6,169,689	01-02-2001	Naji	
	155	US-6,172,903	01-09-2001	Nishimura	
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	159	US-6,178,112	01-23-2001	Bessho et al.	
	160	US-6,180,444	01-30-2001	Gates et al.	
	161	US-6,185,143	02-06-2001	Perner et al.	
	162	US-6,188,549	02-13-2001	Witala	
	163	US-6,189,077	02-13-2001	Robertson et al.	
	164	US-6,191,972	02-20-2001	Miura et al.	
	165	US-6,195,240	02-27-2001	Gill	
	166	US-6,198,610	03-06-2001	Kawawake et al.	
	167	US-6,205,051	03-20-2001	Brug et al.	
	168	US-6,205,073	03-20-2001	Naji	
	169	US-6,211,090	04-03-2001	Durlam et al.	
	170	US-6,232,777	05-15-2001	Sato et al.	
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			First Named Inventor	Jason Janesky	
			Art Unit	2818	
			Examiner Name	Thinh T. Nguyen	
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				First Named Inventor	Jason Janesky
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				Examiner Name	Thinh T. Nguyen
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